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ADMMENDMENTS TO THE CLAIMS

Claims 1-11 (cancelled)

12. (new) A wireless Universal Serial Bus hub for providing communication between at least one remote conventional wireless peripheral device and a computer having a USB port comprising:

a data reception circuit for receiving a wireless data signal directly from the at least one remote conventional wireless peripheral device;

an upstream USB port adapted to be connected to the computer; and

a hub controller connected between said data reception circuit and said upstream USB port whereby when said upstream USB port is connected to the USB port of the computer and the at least one remote conventional wireless peripheral device generates the wireless data signal to said data reception circuit, said hub controller converts the wireless data signal to a USB data signal and passes said USB data signal to said upstream port for transmission to the computer.

13. (new) The wireless USB hub defined in claim 12 wherein said data reception circuit further includes an RF receiver for receiving the wireless data signal from the at least one remote conventional wireless peripheral device.

14. (new) The wireless USB hub defined in claim 13 wherein said data reception circuit further includes a signal discriminator connected between said RF receiver and said hub controller for receiving the wireless data signal from said RF receiver and presenting information in the wireless data signal to said hub controller.

15. (new) The wireless USB hub defined in claim 14 wherein said hub controller further includes a serial interface engine connected to said signal discriminator for converting said information into USB format to form said USB data signal.

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16. (new) The wireless USB hub defined in claim 13 further including two additional data reception circuits each corresponding to an associated separate remote conventional wireless peripheral device, wherein each of said additional data reception circuits includes a separate RF receiver for receiving an additional wireless data signal from the associated additional remote conventional wireless peripheral device.

17. (new) The wireless USB hub defined in claim 16 further including a serial interface engine connected to said data reception circuits for converting said information into USB format to form said USB data signals.

18. (new) The wireless USB hub defined in claim 12 wherein said RF receiver is a DSSS BPSK modulation receiver.

19. (new) The wireless USB hub defined in claim 18 further including a signal discriminator connected between said DSSS BPSK modulation receiver and said hub controller for receiving the wireless data signal and presenting information in the wireless data signal to said hub controller.

20. (new) The wireless USB hub defined in claim 19 wherein said hub controller further includes a serial interface engine connected to said signal discriminator for converting said information into said USB format to form said USB data signal.

21. (new) The wireless USB hub defined in claim 12 including at least one conventional downstream USB port connected to said hub controller for connection to a USB peripheral device.

22. (new) A wireless Universal Serial Bus hub for providing communication between a computer having a USB port and at least one remote conventional wireless peripheral device generating a conventional wireless data signal containing information comprising:

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a data reception circuit including an RF receiver for receiving a conventional wireless data signal directly from at least one remote conventional wireless peripheral device;

an upstream USB port adapted to be connected to the computer; and

a hub controller connected between said data reception circuit and said upstream USB port and including a serial interface engine for converting the information in the conventional wireless data signal from said RF receiver into a USB format data signal for transmission to said upstream USB port

23. (new) The wireless USB hub defined in claim 22 wherein said RF receiver is a DSSS BPSK modulation receiver.